



HEART OF BORNEO SERIES 5  
PROCEEDINGS OF  
HEART OF BORNEO  
SEMINAR  
TAMU ABU



*Heat of Borneo Series 5*

PROCEEDINGS OF SEMINAR

**TAMA ABU**

FOREST DEPARTMENT SARAWAK

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## PREFACE

This Proceedings gives us a glimpse on the findings of the Scientific Expedition to Tama Abu PF made in 2017 which was organized by the Forest Department of Sarawak.

This book is the fifth in a Heart of Borneo Series publication under the Heart of Borneo Project Initiative for Sarawak. It highlights part of the findings of the 2017 expedition that presented during the Heart of Borneo Seminar 2018.

A total of twenty-one papers, that includes flora (11), fauna (9) and one paper each on microbial and geological that part of the findings of the expedition were presenting in this Seminar Proceedings book. While others findings will be include in the pictorial coffee-table book (Heart of Borneo Series 7).

EDITORS

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## PROVISIONAL CHECKLIST OF GINGERS FROM TAMA ABU PF

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### Abstract

Zingiberaceae species are a diverse group of rhizomatous, aromatic perennial herbs with the centre of diversity in South-east Asia. The Zingiberaceae diversity in the Tama Abu Production Forest (TAPF) documented in this paper is a result of the survey during the Heart of Borneo (HoB) Scientific Expedition 2017. A total of 44 species belonging to 12 genera and 2 tribes were collected and recorded. The tribe Alpinieae represented by 8 genera and 30 species whilst tribe Zingibereae with 4 genera and 14 species. *Amomum anomalum*, *Amomum dlmorphum*, *Etlingera breviliabrum*, *Etlingera coccinea*, *Glozza atrosanguinea*, *Homstedtia havilandii*, *Plagioschachys strobilifera* and *Zingiber* sp. nov. are considered as common.

## INTRODUCTION

Zingiberaceae species are rhizomatous, perennial herbs which are aromatic in any or all of its plant parts. The family Zingiberaceae comprises of 57 genera (includes four recently described genera; *Johalla*, *Kedhalla*, *Myxochlamys* and *Newmannia*) and more than 1,500 species worldwide with its centre of diversity in South-east Asia. Malaysia harbours almost 40% of the world genera and close to 30% of the world taxa (Ibrahim et al. 2011). Of these, 19 genera are known to be from Sarawak with over 180 species. Includes the genus *Haniffa*, a new geographical record for Sarawak that recently discovered from Kuching Division (Wong et al. 2014). Zingiberaceae is diverse in its habit and habitat thriving in shaded forests, in mixed dipterocarp, kerangas, peat swamp, limestone, riverine habitat, secondary forests or alluvial forests with few species in montane and mangrove forests. Majority of the species are terrestrial with some species are occurring as epiphytes on the tree trunks or branches and as well as lithophytes on the rock surfaces.